

ABSTRACT OF THE DISCLOSURE

A residential private branch exchange (PBX) allowing IP telephones, analog telephones and computers to connect to an IP communication network. A broadband residential gateway (BRG) PBX provides residences with multiple phone lines capability and the implementation of complex calling features traditionally associated with complex and expensive business PBX systems. The BRG PBX provides an open architecture interface minimizing problems during installation and operation, minimizes interoperability problems across multi-vendor equipment platforms and may provide customers with an option to bypass the local telephone company's high cost infrastructure. The BRG PBX may also provide a range of services from basic calling with few features to highly sophisticated calling features servicing multiple phone lines to the residence. The BRG PBX may be configured to connect multiple BRG PBX systems together in a Local Area Network (LAN) or Wide Area Network (WAN) configuration. These network configurations may be implemented to connect neighborhoods or families across multiple geographic regions. In addition to having the capability of connecting to each other, the BRG PBXs may be connected to IP Central Stations forming an IP communication network.